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PATENTS ONLY**

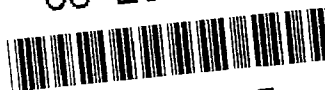
8-13-04

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
**Noriyoshi SONETAKA  
Yoshinao SEGAWA**

2. Name and address of receiving party(ies):  
**NEC CORPORATION**  
7-1, Shiba 5-chome  
Minato-ku, Tokyo  
JAPAN

08-20-2004



102818305

22278 U.S. PTO  
29/211235

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Additional name(s) of conveying party(ies) attached?  Yes  No

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other

Additional name(s) & address(es) attached?  Yes  No

Execution Date: **July 26, 2004**

4. Application number(s) or patent number(s):  
If this document is being filed together with a new application, the execution date of the application is: July 26, 2004  
A. Patent Application No.(s)  
(Submitted simultaneously alongside new application  
- therefore unknown at the time of submission)

B. Patent No.(s)

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
**SUGHRUE MION, PLLC**  
WASHINGTON OFFICE  
**23373**  
CUSTOMER NUMBER

6. Total number of applications and patents involved:  
1  
7. Total fee (37 CFR 3.41): \$40.00  
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The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

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*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

\_\_\_\_\_  
Brian W. Hannon  
for Robert V. Sloan

August 13, 2004  
\_\_\_\_\_  
Date

Reg. No. 32,778  
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Total number of pages including cover sheet, attachments, and documents: **2**

Mail documents to be recorded with required cover sheet information to:

**MAIL STOP ASSIGNMENT RECORDATION SERVICES**

Director of the U.S. Patent and Trademark Office

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# Assignment

Whereas, We, **Noriyoshi SONETAKA** and **Yoshinao SEGAWA**, hereinafter called assignors, have invented certain improvements in

## DATA INPUT DEVICE

and executed an application for Letters Patent of the United States of America therefor on JUL 26 2004; and

Whereas, **NEC CORPORATION**

7-1, Shiba 5-chome  
Minato-ku, Tokyo  
JAPAN

, (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;


Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

We, the above named assignors, hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number \_\_\_\_\_ and Confirmation number \_\_\_\_\_, filed AUG 13 2004) the application number and filing date of said application when known.

Date: JUL 26 2004 

\_\_\_\_\_  
/Noriyoshi SONETAKA

Date: JUL 26 2004 

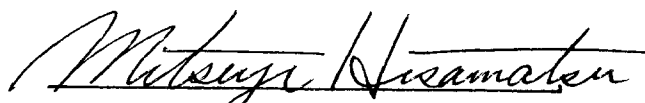
\_\_\_\_\_  
/Yoshinao SEGAWA

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

Attorney Docket No.: **Q81891**

Client File No.: **D-3904004938**

Witness

  
Mitsuji Hisamatsu